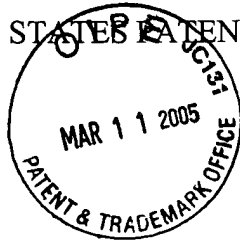


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re the Application of:

Seal, et al.

Application No.: 10/709,945

Filed: June 8, 2004

For: METHOD AND SYSTEM FOR
SPATIALLY VARIABLE RATE
APPLICATION OF AGRICULTURAL
CHEMICALS BASED ON REMOTELY
SENSED VEGETATION DATA

Attorney Docket No.: 025103.50315

TRANSMITTAL LETTER

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

The following documents for the above-captioned application are enclosed herewith:

1. Copy of Notice of Incomplete Reply (Nonprovisional);
2. Response to Notice of Incomplete Reply, with exhibits;
3. Check in the amount of \$525.00;
4. Return Postcard.

Respectfully Submitted,

BUTLER, SNOW, O'MARA, STEVENS &
CANNADA, PLLC

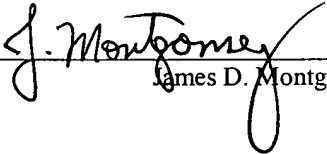
3-8-05
Date

By: Susan B. Fentress
Susan B. Fentress
Reg. No. 31,327

P.O. Box 171443
Memphis, TN 38187
(901) 680-7319

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, on March 8, 2005 in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.


James D. Montgomery

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Seal et al.

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SENSED VEGETATION DATA

Attorney Docket No.: 025103.50315

RESPONSE TO NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This paper is in response to the Notice of Incomplete Reply, (herein after "The Notice"), mailed on February 15, 2005. The Notice asserts that the Notice to File Missing Parts mailed July 15, 2004 for this application required that additional claims fees in an amount totaling \$525.00 be paid, and that such fees were not included in the Applicant's reply of January 18, 2005, rendering the reply incomplete. The Applicant encloses herewith as Exhibit A a copy of the Notice to File Missing Parts mailed on July 15, 2004 and respectfully submits that such fees were not required to be paid. In view of the above, the Applicant respectfully requests that its reply of January 18, 2005 be deemed complete and that The Notice be withdrawn.

The Applicant filed a Preliminary Amendment on January 28, 2005 (enclosed herewith as Exhibit B), and respectfully submits that the additional claims fees that are the subject of The Notice may be due as a result of the filing of the Preliminary Amendment. The cover letter for

the Preliminary Amendment filed o January 28, 2005 authorized the Commissioner to deduct any fee that may have been due from our Deposit Account. To date, no such deduction has been made. Notwithstanding the foregoing, the Applicant encloses herewith a check in the amount of \$525.00 in payment of the additional claims fees.

Respectfully Submitted,

BUTLER, SNOW, O'MARA, STEVENS &
CANNADA, PLLC

3-D8-05

Date

P.O. Box 171443
Memphis, TN 38187
(901) 680-7319

By: Susan B. Fentress

Susan B. Fentress

Reg. No. 31,327

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, on March 8, 2005 in an envelope addressed to: Mail Stop Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

J. Montgomery
James D. Montgomery



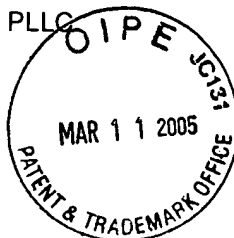
UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/709,945	06/08/2004	Michael R. Seal	025103.50315

28172

BUTLER, SNOW, O'MARA, STEVENS & CANNADA PLLC
 6075 POPLAR AVENUE
 SUITE 500
 MEMPHIS, TN 38119



CONFIRMATION NO. 3944

FORMALITIES LETTER



OC000000015189892

Date Mailed: 02/15/2005

NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

03/14/2005 MBERHE 00000044 10709945

01 FC:2202 225.00 OP
 02 FC:2201 300.00 OP

Filing Date Granted

The U.S. Patent and Trademark Office has received your reply on 01/18/2005 to the Notice to File Missing Parts (Notice) mailed 07/15/2004 and it has been entered into the nonprovisional application. The reply, however, does not include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application. Replies should be mailed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$525 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$525 for a Small Entity

- Total additional claim fee(s) for this application is \$525
 - \$300 for 6 independent claims over 3.
 - \$225 for 12 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450

Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.

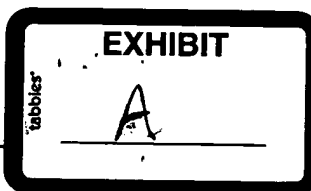
M. B. Kane
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



UNITED STATES PATENT AND



UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/709,945	06/08/2004	Michael R. Seal	025103.50315

CONFIRMATION NO. 3944

28172

BUTLER, SNOW, O'MARA, STEVENS & CANNADA PLLC
 6075 POPLAR AVENUE
 SUITE 500
 MEMPHIS, TN 38119

FORMALITIES LETTER



OC000000013247744*



Date Mailed: 07/15/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$65** for a Small Entity

- **\$65** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

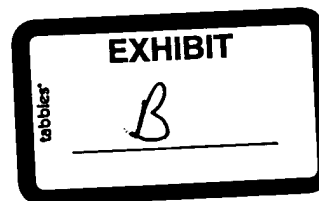
In re the Application of:

Michael R. Seal, et al.

Application Number: 10/709,945

Filed: June 8, 2004

For: METHOD AND SYSTEM FOR
SPATIALLY VARIABLE RATE
APPLICATION OF AGRICULTURAL
CHEMICALS BASED ON REMOTELY
SENSED VEGETATION DATA



Attorney Docket No.: 025103.50315

TRANSMITTAL LETTER

Mail Stop: AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The following documents for the above-captioned application are enclosed herewith:

1. Preliminary Amendment; and
3. Return Postcard.

If a fee is due, please debit Deposit Account No. 50-0858. In this regard, a duplicate copy of this Transmittal Letter is enclosed herewith. If you have any questions, please contact me.

Respectfully Submitted,

Butler, Snow, O'Mara, Stevens &
Cannada, PLLC

By:

SUSAN B. FENTRESS

Reg. No. 31,327

6075 Poplar Avenue, Suite 500

Memphis, TN 38119


(901) 680-7319

1-28-05

Date

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, on January 28, 2005 in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.



James D. Montgomery

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Please confirm receipt of the documents described below by applying your date stamp.

Title: Method and System for Spatially Variable Rate Application of Agricultural Chemicals
Based on Remotely Sensed Vegetation Data

Inventor: Seal, et al.
Application No.: 10/709,945
Filing Date: June 8 2004

Enclosed please find:

1. Preliminary Amendment;
2. Certificate of Mailing.

Date: January 28, 2005

Attorney Docket: 025103.50315

BEST AVAILABLE COPY